Index to Volume XVI

PAGE

Abandoned Shore Lines of Eastern Wisconsin. By James Walter Goldthwait. Review by H. H. 582

Abendanon, E. C. Structural Geology of the Middle Yang-tzĭ-kiang Gorges 587

Adams, Frank D. Recent Studies in the Grenville Series of Eastern North America 617

Age of the Pre-volcanic Auriferous Gravels in California. By J. S. Diller. Review by C. W. W 393

Alden, William C. Drumlins of South Eastern Wisconsin. Review by C. W. W. 394

Ancient Water Planes and Crustal Deformations. H. H. Robinson. . 347

Anderson, Robert. Japanese Volcano Aso and its large Caldera . . 499

Ball, Sidney H. Post-Jurassic Igneous Rock of Southwestern Nevada . 36

Ballore, F. De Montessus. La science séismologique: les tremblements de terre. Review by W. H. H. 385

Barrell, Joseph. Studies for Students. Relations Between Climate and Terrestrial Deposits 159, 255, 363

Barnett, V. H. An Example of Disruption of Rocks by Lightning on One of the Lucite Hills in Wyoming 568

Barnett, V. H. A Natural Bridge Due to Stream Meandering . . 73

Bastin, Edson S. Pyrrhotitic Peridotite from Knox County, Maine.—A Sulphide Ore of Igneous Origin 124

Bowman, Isaiah and Reeds, Chester. Water Resources of East St. Louis District 483

Causes of Permo-Carboniferous Glaciation. W. M. Davis . . . 79

California Earthquake of 1906. By David Starr Jordan and others. Review bv H. H. 585

Cambro-Ordovician Limestones of the Appalachian Valley in Southern Pennsylvania. By George W. Stose. 698

Case, E. C. On the Value of the Evidence Furnished by Vertebrate Fossils of Age of Certain so-called Permian Beds in America . 572

Charleston Earthquake of 1886 in a New Light. By William Herbert Hobbs. Review by C. W. W. 480

Crescentic Gouges on Glaciated Surfaces. G. K. Gilbert. Review by C. W. W. 83

Clays of Mississippi. William N. Logan. Review by H. H. . . 583

Concretions, The Physical Origin of Certain. By James H. Gardner . 452

Congrés Géologique International. Review by H. H. 483

PAGE
Coleman, A. P. The Lower Huronian Ice Age 149
Contributions to the Geology of Falkland Islands. J. C. Anderson. Review by H. H. 585
Contributions to Geology and Paleontology of Vermont. Henry M. Seely. Review by C. W. W. 85
Clarke, John M. Evidences of a Coblenzian Invasion in the Devonic of Eastern America 391
Cotylosauria. S. W. Williston 139
Cross, Whitman. Triassic Portions of the Shinarump Group, Powell . 97
Cryptozoon. Reply to the Review of C. W. W. By H. M. S. . . 298
Cumings, E. R., Beede, J. W., Branson, E. B., Smith, Essie A., Fauna of Salem Limestone of Indiana. Review by C. S. P. . . 389
Cummins, W. F. Localities and Horizons of Permian Vertebrate Fossils in Texas 737

Davis, W. M. Causes of Permo-Carboniferous Glaciation 79
Daly, A. Reginald. The Origin of Augite Andesite and of Related Ultra-Basic Rocks 401
Okanagan Composite. Batholith of the Cascade Mountain System. Review by C. W. W. 83
Davis, Charles A. Peat, Essays on its Origin, Uses and Distributions in Michigan. Review by H. H. 584
Davis, W. M. Mountains of Southernmost Africa. Review by H. H. . 674
Day, Arthur S. Mineral Solution and Fusion Under High Temperature and Pressure. 673
Diller, J. S. Age of Pre-volcanic Auriferous Gravels in California. Review by C. W. W. 393
Discoid Crinoidal Roots and Camarocrinus. By F. W. Sardeson . 239
Drushel, J. Andrew. Glacial Drift Under the St. Louis Loess . . 493

Earthquakes, An Introduction to Seismic Geology. William Herbert Hobbs. Reviews by Ralph S. Tarr 477
Eastman, Charles R. Notice of a New Coelacanth Fish from the Iowa Kinderhook 357
Earth a Failing Structure. John F. Hayford. Review by T. C. C. . 191
Editorial. By T. C. C. 296
Emmons, William H. Geology of the Hay Stack Stock, Cowles, Parker County, Montana 193
Evolution of the Falls of Niagara. J. W. Spencer. Review by H. H. . 482
Evidences of a Coblenzian Invasion in the Devonic of Eastern America. John M. Clarke. Review by C. S. P. 391
Eve, A. S. Radioactive Matter in the Earth and the Atmosphere. Review by C. W. W. 86

PAGE

Example of Disruption of Rock by Lightning on One of the Lucite Hills in Wyoming. V. H. Barnett 568

Farrington, Oliver Cummings. Meteorite Studies. Review by H. H. . 586
Fauna of Salem Limestone of Indiana. Cumings, E. R., Beede, J. W., Bianson, E. B., Smith, Essie A. Review by C. S. P. . . . 389
Features Indicative of Physiographic Conditions Prevailing at the Time of the Trap Extrusions in New Jersey. C. N. Fenner . . . 299
Fenneman, N. M. Some Features of Erosion by Unconcentrated Wash . 746
Fenner, C. N. Features Indicative of Physiographic Conditions Prevailing at the Time of the Trap Extrusions in New Jersey . . 29
Flaxman Island. A Glacial Remnant. Ernest De Koven Leffingwell . 56
Fourth Biennial Report of State Geological Survey of North Dakota. Leonard, A. G., and Clapp, C. H. Review by H. H. . . . 581

Gardner, James H. Physical Origin of Certain Concretions . . 452
Gentil, Louis. Itinéraires dans le Haut Atlas Marocain. Review by H. H. 480
Geology and Water Resources of the Big Horn Basin, Wyoming. Review by H. H. 672
Geology of Long Lake Quadrangle. Review by H. H. 673
Glaciers of Canadian Rockies and Selkirks. William Hitell Sherzer. Review by T. C. C. 388
Glacial Drift Under St. Louis Loess. J. Andrew Drushel . . . 493
Gold Regions of the Strait of Magellan and Terra Del Fuego. By R. A. F. Penrose, Jr. 22
Goldthwait, James Walter. A Reconstruction of Water-Planes of the Extinct Glacial Lakes in the Lake Michigan Basin . . . 459
Abandoned Shore Line of East Wisconsin. Review by H. H. . . 582
Goldthwait, J. W. and Atwood, W. W. Physical Geography of the Evanston Waukegan Region. Review by H. H. 481

Hadlička, Alěs. Skeletal Remains Suggesting or Attributed to Early Man in North America. Review by T. C. C. 777
Henderson, Junius. Red Beds of Northern Colorado 491
Highly Folded Between Non-Folded Strata at Trenton Falls, N. Y. W. J. Miller 428
Hobbs, Wm. Herbert. A Study of the Damage to Bridges during Earthquakes 636
Earthquakes, An Introduction to Seismic Geology. Review by Ralph S. Tarr 477
Some Principles of Seismic Geology. The Geotectonic and Geodynamic, aspects of Calabrian and Northeastern Sicily. Review by H. H. 625
Hobbs, W. H. and Leith, C. K. Pre-Cambrian Volcanic and Intrusive Rocks of Fox River Valley, Wisconsin. Review by H. H. . . 582

PAGE

Hotchkiss, W. O. A Table of Index of Refraction and Birefringence of Rock-making Minerals 421
Huntington, Ellsworth. Glaciated Regions. Review by H. H. . . 583

Igneous Rocks from Ortiz Mountains, New Mexico. I. H. Ogilvie . 230
Interglacial Fauna Found in Cayuga Valley and its Relations to the Pleistocene of Toronto. C. J. Maury 565
Iowa Geological Survey. Review by H. H. 581
Iron Ores of Salisbury District of Connecticut, New York, and Massachusetts. Review by C. W. W. 478
Itinéraires dans le Haut Atlas Marocain. By Louis Gentil. Review by H. H. 480

Japanese Volcano Aso and its Large Caldera. By Robert Anderson . 499
Jordan, David Starr, and Others. California Earthquake of 1906. Review by H. H. 582

Kayser, Emmanuel. Lehrbuch der Geologischen Formationskunde. Review by H. H.. 481
Keyes, Charles R. Geotectonics of Estancia Plains 434

La science séismologique: les tremblements de terre. By F. De Montessus De Ballore. Reviewed by W. H. H. 385
Lead and Zinc Deposits of Virginia. By Thomas Leonard Watson. Review by C. W. W. 479
Leffingwell, Ernest De Koven. Flaxman Island, A Glacial Remnant . 56
Lehrbuch der Geologischen Formationskunde. By Emmanuel Kayser. Review by H. H. 481
Linosa and its Rocks· Henry S. Washington 1
Lindgren, Walter, and Others. Production of Gold and Silver in 1906. Review by H. H. 581
Logan, William. Clays of Mississippi. Review by H. H. . . . 583
Lower Huronian Ice Age. A. P. Coleman 146
Localities and Horizons of Permian Vertebrate Fossils in Texas. By W. F. Cummins 62

Marginal Glacial Drainage Features in the Finger Lake Region. John Rich 527
Maryland Geological Survey. Review by H. H. 482
Maury, C. J. An Interglacial Fauna Found in Cayuga Valley and its Relations to the Pleistocene of Toronto 565
Merriam, John C. Triassic Ichthyosauria, with Special Reference to the American Forms. Review by S. W. W. 775
Merrill, George P. Meteor Crater of Canyon Diablo, Arizona. Its History, Origin and Associated Meteoric Irons. Review by H. H. . 585

PAGE

Meteor Crater of Canyon Diablo, Arizona: Its History, Origin and Associated Meteoric Irons. By Geo. P. Merrill. Review by H. H. . 586
Meteorite Studies. By Oliver C. Farrington. Review by H. H. . . 589
Miller, W. J. Highly Folded Between Non-Folded Strata at Trenton Falls, N. Y. 428
Mineral Solution and Fusion under High Temperatures and Pressures. By Arthur S. Day. Review by H. H. 673
Mountains of Southernmost Africa. By W. M. Davis. Review by H. H. 694

Natural Bridge Due to Stream Meandering. By V. H. Barrett . . 73
Notice of a New Coelacanth Fish from the Iowa Kinderhook. Charles R. Eastman 357
North American Plesiosaurs: Trinacromerum. By S. W. Williston . 715
Note on the Geology of the Coso Range, Inyo County, California. John H. Reid 64

Ogilvie, I. H. Some Igneous Rocks from the Ortiz Mountains, New Mexico 230
Okanagan Composite Batholith of the Cascade Mountain System. By Reginald A. Daly. Review by C. W. W. 83

Paragenesis of the Minerals in the Glaucophane Bearing Rocks of California. By James P. Smith. Reviewed by C. W. W. . . . 479
Peat, Essays on its Origin, Uses, and Distribution in Michigan. By C. A. Davis. Reviewed by H. H. 584
Penrose, R. A. F., Jr. Gold Regions of the Strait of Magellan and Tierra del Fuego 683
Physical Geography of the Evanston Waukegan Region. By W. W. Atwood and J. W. Goldthwait. Review by H. H. . . . 481
Post-Jurassic Igneous Rocks of Southwestern Nevada. By Sidney H. Ball 36
Post-Glacial Faults of Eastern New York. By J. B. Woodworth. Review by H. H. 676
Pre-Cambrian Volcanic and Intrusive Rocks of the Fox River Valley of Wisconsin. By W. H. Hobbs and C. K. Leith. Review by H. H. . 582
Production of Gold and Silver in 1906. By Walter Lindgren, and Others. Review by H. H. 581
Pyrrhotitic Peridotite from Knox County, Maine. A Sulphide Ore of Igneous Origin. By Edson S. Bastin 124

Radioactive Matter in the Earth and the Atmosphere. By A. S. Eve. Review by C. W. W. 86
Recent Publications 87, 484, 677

PAGE

Recent Studies in the Grenville Series of Eastern North America. By F. D. Adams 617

Reconstruction of Water-Planes of the Extinct Glacial Lakes in Lake Michigan Basin. By James W. Goldthwait 459

Red Beds of Northern Colorado. By Junius Henderson 491

Reid, John A. A Note on the Geology of the Coso Range, Inyo County, California 64

Reid, Harry F. Variations of Glaciers, XII 46

Variations of Glaciers, XIII 664

Relations of Wind to Topography of Coastal Drift Sands. By Pehr Olsson-Seffer 549

"Reptile, Oldest Known" Isodectus Punctulatus Cope. S. W. Williston . 395

Research in China. Bailey Willis, Eliot Blackwelder, and R. H. Sargent. Review by T. C. C. 387

Review of Nomenclature of Keweenawan Igneous Rocks. By Alexander N. Winchell 765

Reviews 83, 191, 298, 385, 477, 581, 669, 775

Rich, John L. Marginal Glacial Drainage Features in the Finger Lake Region 527

Robinson, H. H. Ancient Water-Planes and Crustal Deformations . 347

Sardeson, Frederick W. Discoid Crinoidal Roots and Camarocrinus . 239

Schmidt's Geological Sections of the Alps. By W. M. P. 192

Seffer, Pehr Olson. Relation of Wind to Topography of Coastal Drift Sands 549

Skeletal Remains Suggesting or Attributed to Early Man in North America. By Aleš Hadlička. Review by T. C. C. . . . 777

Smith, James Perrin. Paragenesis of the Minerals in the Glaucophane Bearing Rocks of California. Review by C. W. W. 479

Some Characteristics of Glacial Period in Non-glaciated Regions. Ellsworth Huntington. Review by H. H. 583

Some Features of Erosion. By Unconcentrated Wash. By N. M. Fenneman 746

Some Principles of Seismic Geology. The Geotectonic and Geodynamic Aspects of Calabrian and Northeastern Sicily. William Herbert Hobbs. Review by H. H. 670

Some Topographic Features Formed at the Time of Earthquakes, and the Origin of Mounds in the Gulf Plain. Wm. H. Hobbs. Review by C. W. W. 480

Stose, George W. Cambro-Ordovician Limestones of Appalachian Valley in Southern Pennsylvania 698

Stratigraphy of Western America. By J. P. Smith. Review by H. H. . 669

Striations in Gravel Bars of the Yukon and Porcupine Rivers. V. H. Barnett 76

PAGE

Structural Geology of the Middle Yang-tzī-kiang Gorges. E. C. Abendanon 587
Study of the Damage to Bridges During Earthquakes. Wm. Herbert Hobbs 636
Study of River Meanders on the Middle Rouge. By Darrell H. Davis . 461
Studies for Students. Relation Between Climate and Terrestrial Deposits. Joseph Barrell 159, 258, 363
Succession of Faunas in Portage and Chemung Formations of Maryland. Charles K. Swartz. 328
Swartz, Charles K. The Succession of Faunas in the Portage and Chemung Formations of Maryland 328
Table of Index of Refraction and Birefringence of Rock-making Minerals. W. O. Hotchkiss 421
Theory of Continental Structure Applied to North America. Bailey Willis. Review by H. H.. 583
Transvaal Mines Department. Review by H. H.. 482
Triassic Ichthyosauria, with Special Reference to the American Forms. By John C. Merriam. Review by S. W. W. 775
Triassic Portions of the Shinarump Group. Powell. Whitman Cross. 97
T. C. C., Editorial 29
Value of the Evidence Furnished by Vertebrate Fossils of Age of Certain so-called Permian Beds in America. E. C. Case . . . 572
Variations of Glaciers, XII. Harry Fielding Reed 46
Variations of Glaciers, XIII. Harry Fielding Reid 664
Washington, Henry S. Linosa and Its Rocks 1
Water Resources of the East St. Louis District. Isaiah Bowman and Chester A. Reid. Review by H. H. 483
Watson, Thomas Leonard. Lead and Zinc Deposits of Virginia. Review by C. W. W. 479
Williston, S. W. North American Plesiosaurs: Trinacromerum . . 715
"Oldest Known Reptile." Isodectes Punctulatus Cope . . 395
Willis, Bailey. Theory of Continental Structure Applied to North America. Review by H. H. 583
Woodworth, J. B. Post Glacial Faults of Eastern New York. Review by H. H. 676
Winchell, Alexander N. Review of Nomenclature of Keweenawan Igneous Rocks 765